



# 2000 Toxics Release Inventory

## ILLINOIS

### Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	69,571,110	50,046,866	119,617,977
Air Emissions	45,904,355	22,144,025	68,048,380
Surface Water Discharges	6,778,914	77,290	6,856,204
Underground Injection Class I Wells	500	0	500
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	4,139,114	18,687,857	22,826,971
Other On-site Land Releases	12,748,228	9,137,694	21,885,922
Off-site Releases (Transfers Off-site to Disposal)*	24,443,523	6,279,410	30,722,933
<b>Total On- and Off-site Releases</b>	<b>94,014,634</b>	<b>56,326,276</b>	<b>150,340,910</b>
Recycled On-site	1,004,938,076	8,046,267	1,012,984,343
Recycled Off-site	119,367,577	757,608	120,125,185
Energy Recovery On-site	31,503,796	5	31,503,801
Energy Recovery Off-site	30,564,015	9,874,277	40,438,292
Treated On-site	201,959,050	30,105,731	232,064,781
Treated Off-site**	18,290,715	10,018,283	28,308,998
Quantity Released On- and Off-site***	105,105,897	56,107,937	161,213,833
<b>Total Production-related Waste Managed</b>	<b>1,511,729,126</b>	<b>114,910,108</b>	<b>1,626,639,234</b>
<b>Non-production-related Waste Managed</b>	<b>305,832</b>	<b>204,275</b>	<b>510,107</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	110,590,039	1,179,666	111,769,705
Energy Recovery	28,194,542	9,886,684	38,081,226
Treatment	9,634,187	938,007	10,572,194
Publicly Owned Treatment Works (POTWs)	11,088,981	663,614	11,752,596
Metals and Metal Compounds*	136,550	4,009	140,560
Non-metal TRI Chemicals**	10,952,431	659,605	11,612,036
Other Off-site Transfers****	638	0	638
Transfers Off-site to Disposal (not including metals to POTWs)	35,986,543	6,698,133	42,684,676
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>195,494,929</b>	<b>19,366,104</b>	<b>214,861,034</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

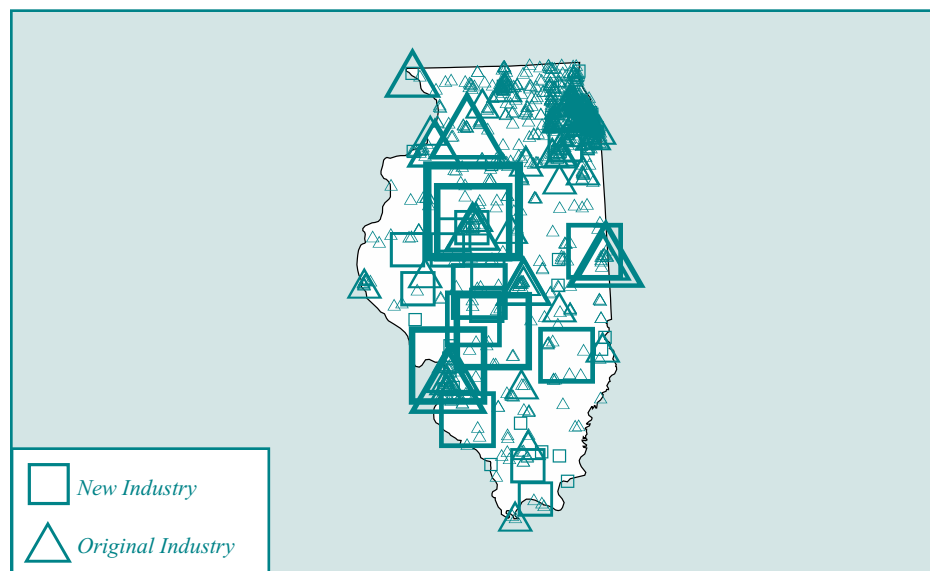
#### State Contact

Stan Ostrem  
1021 North Grand Avenue, East  
P.O. Box 19276  
Springfield, IL 62794-9276  
(217) 785-3557 Fax: (217) 782-1312  
epa8579@epa.state.il.us

#### EPA Contact

Christina Colt  
USEPA Region 10 (WCM-128)  
1200 Sixth Avenue  
Seattle, WA 98101  
(206) 553-4016  
colt.christina@epa.gov

To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
Fax: (202) 401-2347  
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Illinois. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	12,435,970
Square Miles	55,593
Total Facilities	1,322
Total Forms	5,011
Form As	732

	Original Industry	New Industry	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	8	19	13
Pounds	94,014,634	56,326,276	150,340,910
<b>National Rank for Total On-site Releases**</b>			
Rank	9	21	16
Pounds	69,571,110	50,046,866	119,617,977
<b>National Rank for Total Releases within State***</b>			
Rank	6	19	9
Pounds	114,182,570	58,670,324	172,852,895
<b>National Rank for Production-related Waste Managed</b>			
Rank	4	14	4
Pounds	1,511,729,126	114,910,108	1,626,639,234

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2000 Toxics Release Inventory

## ILLINOIS

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	682,283	17,755	500	25,338,581	12,625,158	38,664,277	14,711,785	15,377,571	3,566,618
7647-01-0	Hydrochloric acid	18,508,148	0	0	13,099	13,099	18,534,346	1,200	13,099	0
—	Manganese compounds	107,229	21,192	0	6,948,777	4,095,595	11,172,793	1,944,899	4,370,648	529,008
110-54-3	n-Hexane	8,466,279	44	0	609	4,683	8,471,615	294	1,104	3,579
—	Nitrate compounds	9,083	6,526,785	0	18,108	941,253	7,495,229	2,832	910,371	30,882

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	26,043.49	79.20	0.00	627.80	54,584.00	81,334.49	919.49	54,159.94	424.06
—	Mercury compounds	5,390.14	10.46	0.00	10,248.97	57,540.81	73,190.38	7,024.76	6,270.22	57,057.28
191-24-2	Benzo(g,h,i)perylene	629.50	15.10	0.00	76.00	2,989.62	3,710.22	112.28	2,981.40	8.22
7439-97-6	Mercury	616.98	7.87	0.00	223.00	162.68	1,010.53	559.00	154.97	7.71
79-94-7	Tetrabromobisphenol A	285.00	0.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	276.00	0.00	0.00	0.00	0.00	276.00	412.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	217.00	217.00	0.00	91.00	126.00
40487-42-1	Pendimethalin	2.00	0.00	0.00	0.00	88.00	90.00	0.00	37.00	51.00
1582-09-8	Trifluralin	1.00	0.00	0.00	0.00	33.00	34.00	90.00	14.00	19.00
57-74-9	Chlordane	1.00	0.00	0.00	0.00	31.00	32.00	0.00	13.00	18.00
72-43-5	Methoxychlor	1.00	0.00	0.00	0.00	28.00	29.00	0.00	12.00	16.00
8001-35-2	Toxaphene	0.00	0.00	0.00	0.00	9.00	9.00	0.00	4.00	5.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.47	0.00	3.00	3.47	0.00	1.00	2.00
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	2.00	2.00	0.00	1.00	1.00
309-00-2	Aldrin	0.04	0.00	0.00	0.00	1.43	1.47	0.00	0.60	0.83
—	Dioxin and dioxin-like compounds	0.11	0.00	0.00	0.00	0.08	0.19	0.00	0.00	0.08
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>50.001</i>	<i>0.030</i>	<i>0.000</i>	<i>0.000</i>	<i>36.836</i>	<i>86.867</i>	<i>0.018</i>	<i>0.005</i>	<i>36.830</i>
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

\*\*\* No reports were submitted for these chemicals.



# 2000 Toxics Release Inventory

## ILLINOIS

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Peoria Disposal Co. #1, Peoria, Peoria	529	0	0	0	18,673,520	0	18,674,049	4	0
Northwestern Steel & Wire Co., Sterling, Whiteside	75,919	9,354	0	0	4,135,000	1,673,400	5,893,673	78,860	0
Granite City Steel, Granite City, Madison	196,394	157,430	0	0	0	5,520,230	5,874,054	0	4
Ameren Corp. Coffeen Power Station, Coffeen, Montgomery	4,806,829	1,317	0	0	0	2	4,808,147	574,799	0
Dynegy Wood River Power Station, Alton, Madison	3,365,227	21,790	0	0	0	36,405	3,423,422	0	0
AES Edwards c/o Cilco, Bartonville, Peoria	2,894,114	0	0	0	0	513,983	3,408,097	0	0
Devro-Teepak, Danville, Vermilion	3,399,483	0	0	0	0	0	3,399,483	0	0
IBP Inc., Joslin, Rock island	17,230	2,801,250	0	0	0	3,655	2,822,135	321,335	505
Ameren Corp. Newton Power Station, Newton, Jasper	548,956	964	0	0	0	1,999,002	2,548,922	0	0
Dynergy Midwest Generation Inc. Vermilion Power Station, Oakwood, Vermilion	2,405,587	5,510	0	0	0	114,031	2,525,128	0	0

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Peoria Disposal Co. #1, Peoria, Peoria	0.00	0.00	0.00	0.00	8,820.00	0.00	8,820.00	0.00	0.00
Granite City Steel, Granite City, Madison	7,736.00	5.00	0.00	0.00	0.00	203.00	7,944.00	0.00	0.00
Horning Wire Corp., Lake Zurich, Lake	6,349.00	0.00	0.00	0.00	0.00	0.00	6,349.00	0.00	0.00
Kraft Foods N.A. Inc., Champaign, Champaign	3,527.00	0.00	0.00	0.00	0.00	0.00	3,527.00	0.00	0.00
American Stone-Mix Inc., Franklin Park, Cook	2,700.00	0.00	0.00	0.00	0.00	0.00	2,700.00	5.00	0.00
Reilly Inds. Inc., Granite City, Madison	2,114.00	0.00	0.00	0.00	0.00	0.00	2,114.00	6,555.00	0.00
Bridgestone/Firestone Inc., Decatur, Macon	1,771.00	0.00	0.00	0.00	0.00	0.00	1,771.00	166.00	0.00
LTV Steel Co., Chicago, Cook	1,344.00	0.00	0.00	0.00	0.00	0.00	1,344.00	4.00	0.00
Midwest Generation Joliet Generating Station (#9 & #29), Joliet, Will	481.16	5.00	0.00	0.00	0.00	588.00	1,074.16	128.00	0.00
Big River Zinc Corp., Sauget, St Clair	624.00	0.00	0.00	0.00	0.00	241.00	865.00	252.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2000 Toxics Release Inventory

## ILLINOIS

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Peoria Disposal Co. #1, Peoria, Peoria	0	0	0	0	0	0	18,673,520	18,673,520	0
Keystone Steel & Wire Co., Peoria, Peoria	0	400,000	0	0	0	0	7,818,099	8,218,099	84,660
Northwestern Steel & Wire Co., Sterling, Whiteside	0	0	0	100	130,000	0	5,935,379	6,065,479	0
Granite City Steel, Granite City, Madison	0	0	0	0	7,969,600	749	5,870,705	13,841,054	0
Ameren Corp. Coffeen Power Station, Coffeen, Montgomery	0	0	0	0	1,712,000	0	5,385,127	7,097,127	0
Acme Steel Co. Riverdale Plant, Riverdale, Cook	0	0	0	0	0	0	4,676,416	4,676,416	0
Dynegy Wood River Power Station, Alton, Madison	0	0	0	0	78,800	0	3,423,582	3,502,382	0
Birmingham Steel Corp. Kankakee Illinois Steel Div., Bourbonnais, Kankakee	450,533	1,550,594	0	0	0	0	3,414,993	5,416,120	0
AES Edwards c/o Cilco, Bartonville, Peoria	0	0	0	0	849,585	0	3,408,097	4,257,682	0
Devro-Teepak, Danville, Vermilion	0	0	0	0	0	48,202	3,399,483	3,447,685	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Koppers Inds. Inc., Cicero, Cook	2,688	0	0	0	251	44	46,031	49,014	0
Clean Harbors Services Inc., Chicago, Cook	0	4,772	0	0	0	0	45,499	50,271	0
Onyx Environmental Services, Sauget, St Clair	0	0	0	0	56,830	0	16,657	73,487	0
Peoria Disposal Co. #1, Peoria, Peoria	0	0	0	0	0	0	8,820	8,820	0
Reilly Inds. Inc., Granite City, Madison	68	0	0	0	44	679	8,669	9,460	10
Granite City Steel, Granite City, Madison	0	0	0	0	0	158	7,945	8,103	0
Horning Wire Corp., Lake Zurich, Lake	0	0	0	0	0	0	6,349	6,349	0
Kraft Foods N.A. Inc., Champaign, Champaign	0	0	0	0	0	0	3,527	3,527	0
American Stone-Mix Inc., Franklin Park, Cook	0	0	0	0	0	0	2,705	2,705	0
Powerton Generating Station, Pekin, Tazewell	0	0	0	0	0	0	2,050	2,050	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.